

In the Claims

Please cancel Claim 1.

Please amend Claims 13 and 14. Amendments to the claims are indicated in the attached "Marked Up Version of Amendments" (page i).

Sub
Ch 1

13. (Amended) A magnetic field sensor comprising a matrix of magnetostrictive material that strains under the influence of a magnetic field and imparts stress to at least one rod or fiber of piezoelectric material that is surrounded by the matrix to produce a detectable voltage. *structure?*

14. (Amended) A magnetic field sensor comprising at least one rod or fiber of magnetostrictive material that strains under the influence of a magnetic field and imparts stress to a matrix of piezoelectric material surrounding the at least one rod or fiber to produce a detectable voltage.

Please add new claims 30-33:

30
cont.

30. (New) The magnetic field sensor of Claim 13, wherein a plurality of piezoelectric material rods or fibers are connected electronically in parallel. *q*

31. (New) The magnetic field sensor of Claim 13, wherein each one of a plurality of piezoelectric material rods or fibers is connected to an associated read-out circuit.

32. (New) The magnetic field sensor of Claim 13, wherein a single piezoelectric rod or fiber is surrounded by a magnetostrictive matrix material.